

AMENDMENTS TO THE CLAIMS

CLAIM 1 (CURRENTLY AMENDED): A bicycle user information apparatus comprising:
an information receiver that receives information corresponding to the bicycle user through
the Internet; and
an administration control unit that manages the information received through the information
receiver and enables external access to the managed information in response to predetermined
criteria;
wherein the administration control unit comprises:
a user registration unit that registers identifying information corresponding to a
bicycle user to establish the bicycle user as a registered bicycle user;
an information delivery unit that delivers information to a requesting user; and
a rank processing unit that processes and provides ranking information for a plurality
of bicycle users receives cycling performance data from the registered bicycle user and
calculates ranking information of the registered bicycle user from cycling performance data
from the registered bicycle user and from cycling performance data from at least one
additional registered bicycle user;
wherein the information delivery unit is structured to provide the ranking information
of the registered bicycle user relative to the at least one additional registered bicycle user to
the registered bicycle user.

CLAIM 2 (ORIGINAL): The apparatus according to claim 1 wherein the information
receiver receives information from a cycle computer.

CLAIM 3 (ORIGINAL): The apparatus according to claim 1 wherein the information
receiver receives information from a personal computer.

CLAIM 4 (ORIGINAL): The apparatus according to claim 1 wherein the managed
information comprises at least one of geographical information, cycling condition information and
physical information of the bicycle user.

CLAIM 5 (CANCELED).

CLAIM 6 (ORIGINAL): The apparatus according to claim 1 wherein the administration control unit includes a location processing unit that processes information corresponding to a current location of a bicycle user when using the bicycle.

CLAIM 7 (ORIGINAL): The apparatus according to claim 1 wherein the administration control unit includes a mail server that processes mail received through the information receiver.

CLAIM 8 (ORIGINAL): The apparatus according to claim 1 wherein the administration control unit includes a training plan unit that develops a training plan for a bicycle user.

CLAIM 9 (ORIGINAL): The apparatus according to claim 8 wherein the training plan unit develops the training plan based on rider history data.

CLAIM 10 (ORIGINAL): The apparatus according to claim 1 wherein the administration control unit includes an information delivery unit that delivers information to a requesting user.

CLAIM 11 (ORIGINAL): The apparatus according to claim 10 wherein the administration control unit includes a location processing unit that processes information corresponding to a current location of a bicycle user when using the bicycle, and wherein the information delivery unit communicates information corresponding to the bicycle user to the requesting user.

CLAIM 12 (ORIGINAL): The apparatus according to claim 11 wherein the information delivery unit communicates the information to the requesting user through the Internet.

CLAIM 13 (ORIGINAL): The apparatus according to claim 12 wherein the information delivery unit communicates the information to the requesting user when the current location of the bicycle user is in proximity to a current location of the requesting user.

CLAIM 14 (ORIGINAL): The apparatus according to claim 10 wherein the administration control unit manages geographical information corresponding to a current location of the bicycle user when using the bicycle, and wherein the information delivery unit communicates the geographical information to the requesting user.

CLAIM 15 (ORIGINAL): The apparatus according to claim 14 wherein the information delivery unit communicates the geographical information to the requesting user through the Internet.

CLAIMS 16-33 (CANCELED).

CLAIM 34 (CURRENTLY AMENDED): The apparatus according to claim 1 wherein the rank processing unit processes and provides historical ranking information for the plurality of bicycle users from cycling history data.

CLAIM 35 (NEW): The apparatus according to claim 1 wherein the cycling performance data comprises cycling distance.

CLAIM 36 (NEW): The apparatus according to claim 1 wherein the cycling performance data comprises cycling time.

CLAIM 37 (NEW): The apparatus according to claim 1 further comprising a cycle computer that receives sensor signals from sensors installed on a bicycle, wherein the information delivery unit provides the ranking information to the registered user through the cycle computer.

CLAIM 38 (NEW): The apparatus according to claim 37 wherein the cycle computer is structured to be mounted to a bicycle.